

**FIG. 2** PRIOR ART

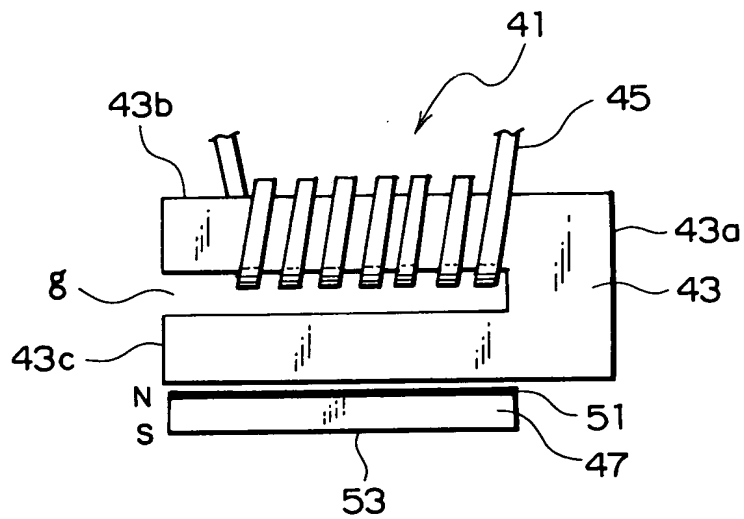


FIG. 3

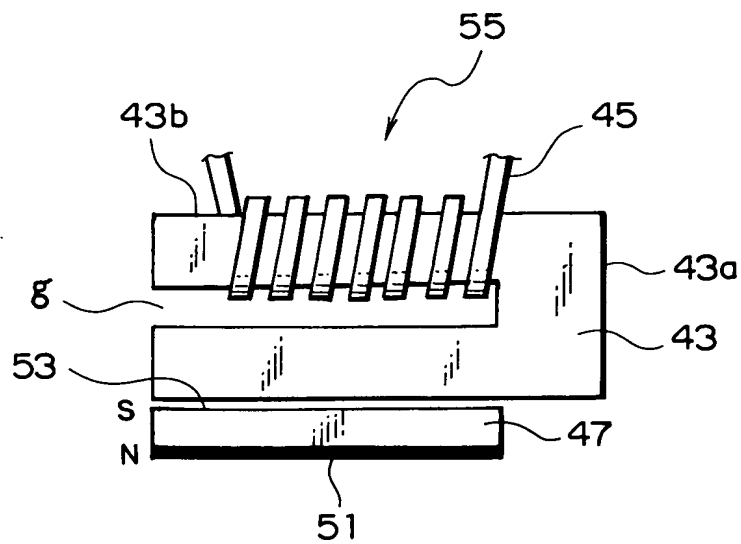


FIG. 4

FIG. 5

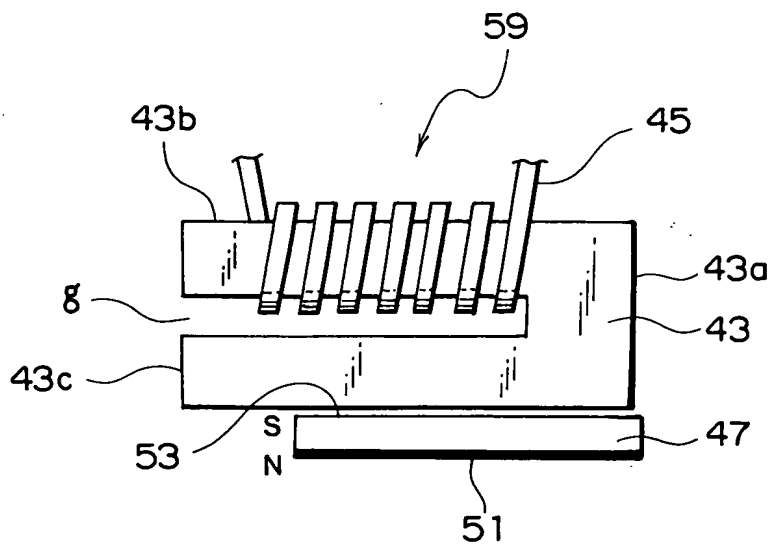


FIG. 5

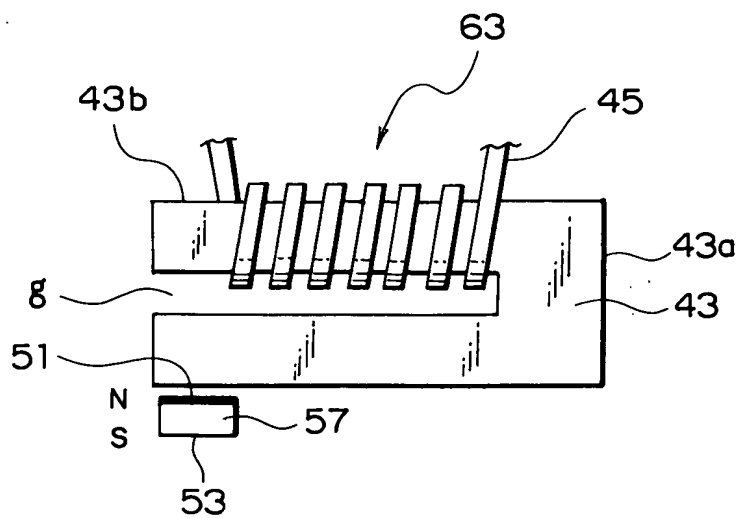


FIG. 6

TOP SECRET

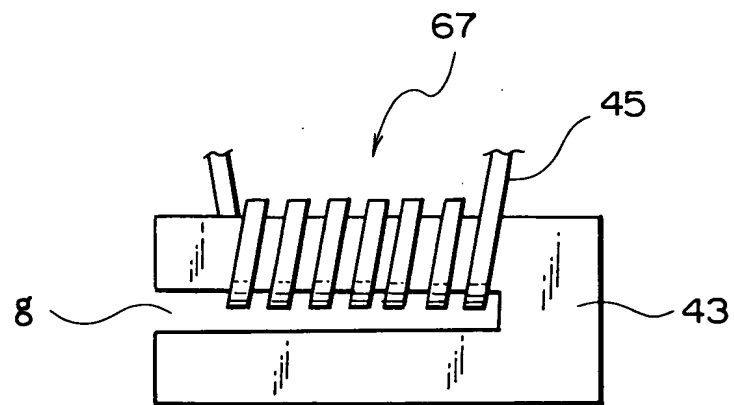


FIG. 7

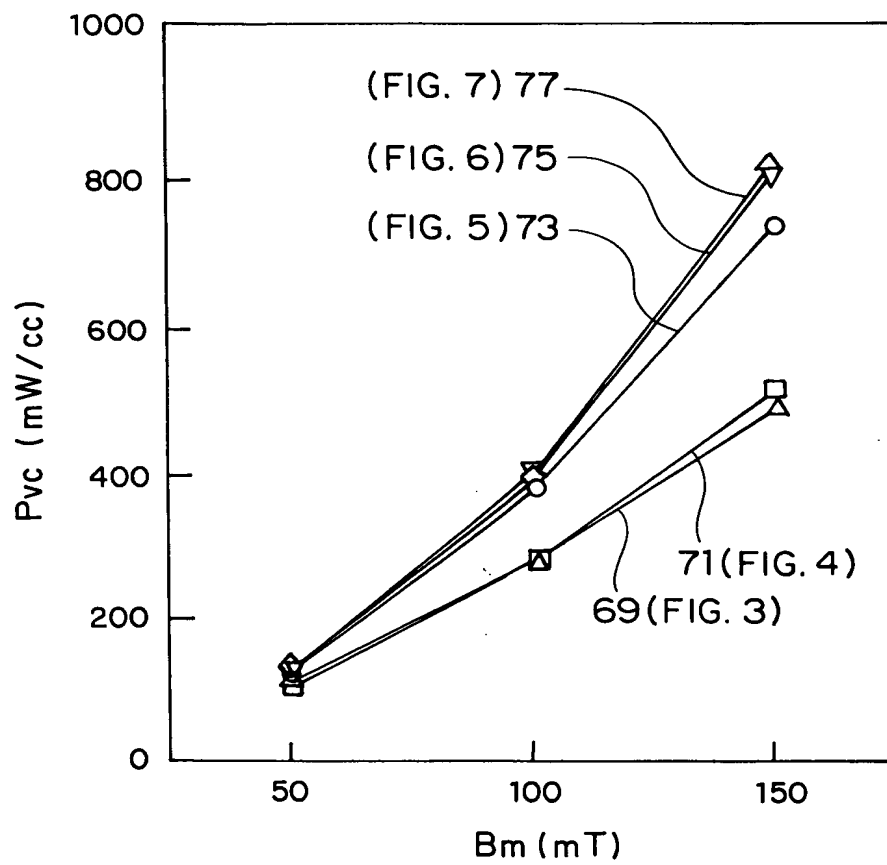


FIG. 8

The graph plots Inductance ( $\mu\text{H}$ ) on the y-axis (0 to 10) against Current  $I_{dc}$  (A) on the x-axis (0 to 25). Two curves are shown: 79 (FIG. 3) and 81 (FIG. 7). Both curves start at approximately 5.5  $\mu\text{H}$  at 0 A. Curve 79 remains relatively flat until about 10 A, then decreases to about 1.5  $\mu\text{H}$  at 25 A. Curve 81 remains flat until about 15 A, then decreases more sharply to about 0.8  $\mu\text{H}$  at 25 A.

Current $I_{dc}$ (A)	Inductance ( $\mu\text{H}$ ) - 79 (FIG. 3)	Inductance ( $\mu\text{H}$ ) - 81 (FIG. 7)
0	5.5	5.5
5	5.5	5.5
10	5.5	5.5
15	5.2	5.2
20	3.5	2.5
25	1.5	0.8

FIG. 10

FIG. 12



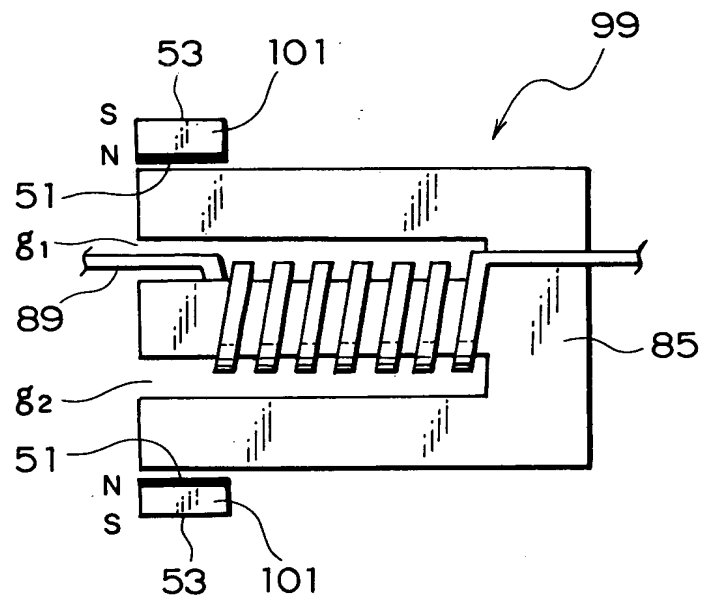


FIG. 13

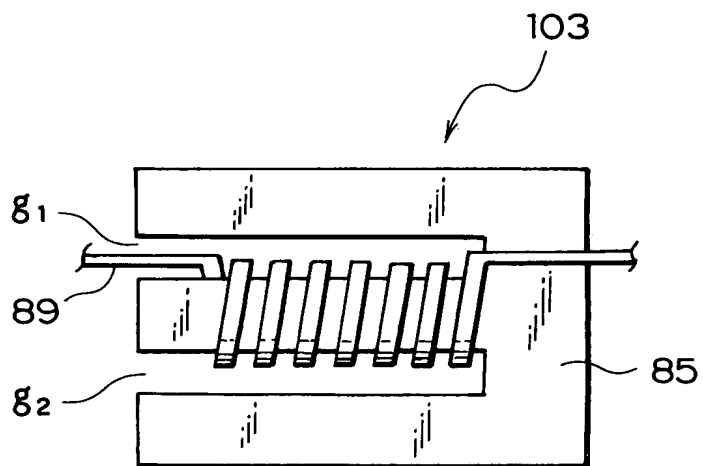


FIG. 14

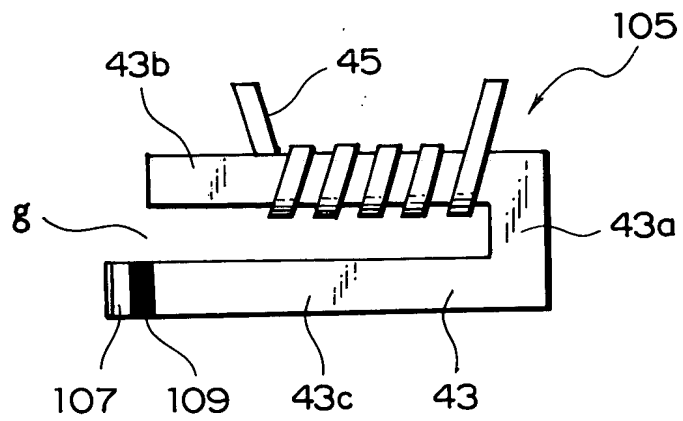


FIG. 15

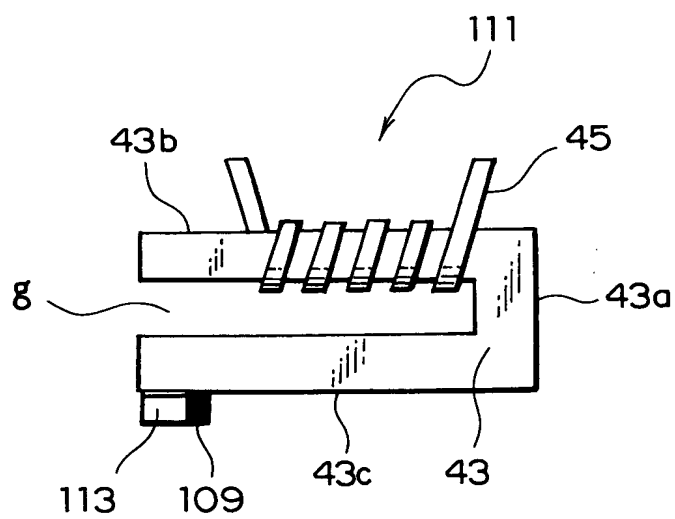


FIG. 16

FIG. 18

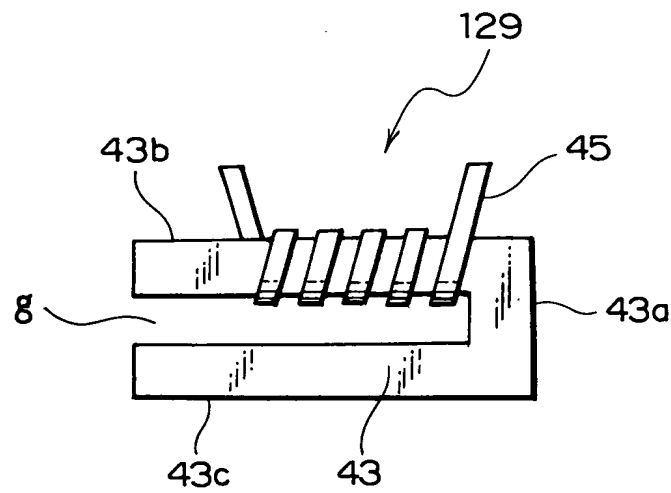


FIG. 19

FIG. 20

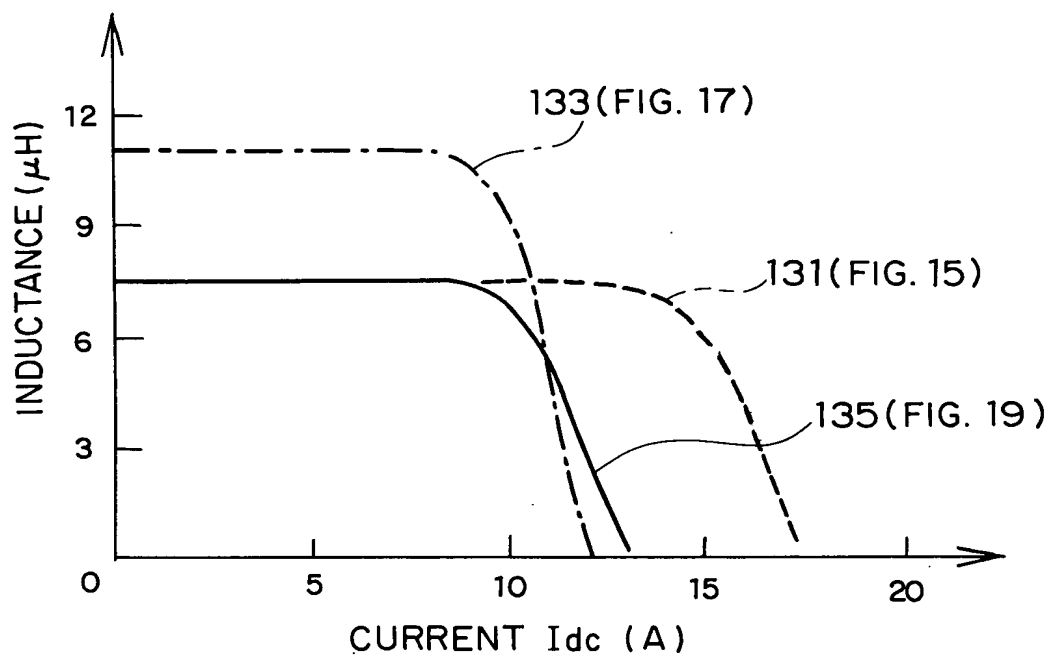


FIG. 20

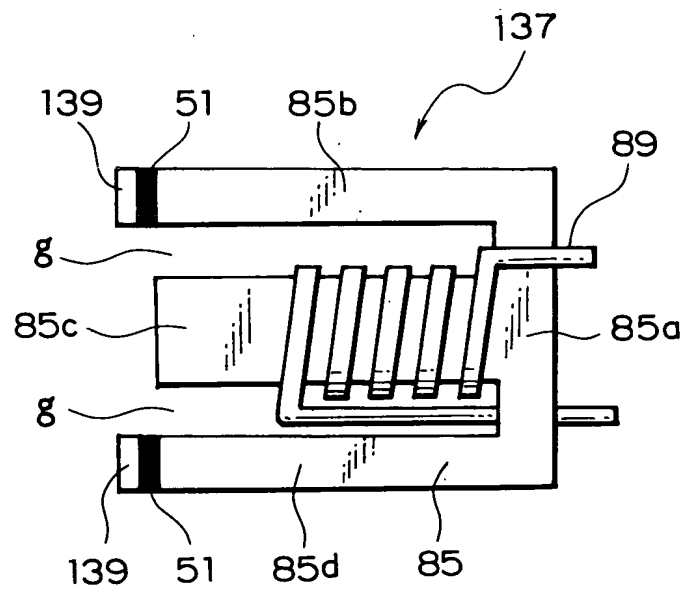


FIG. 21

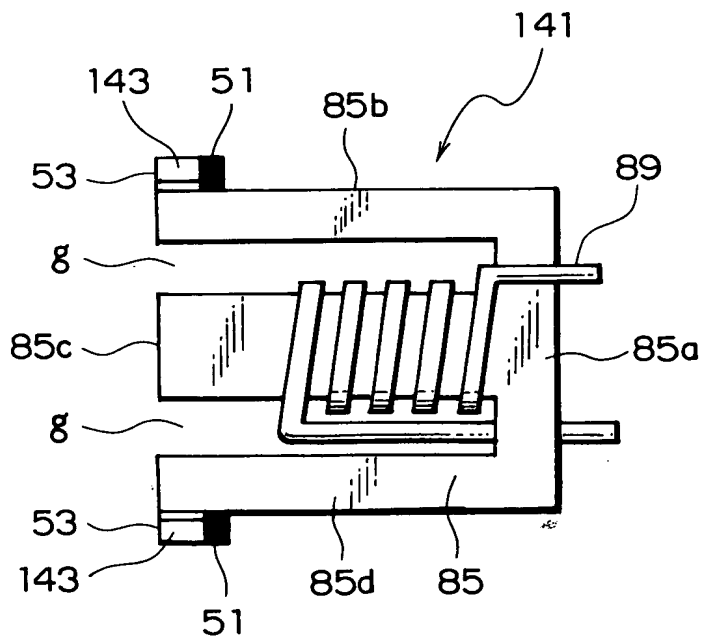


FIG. 22

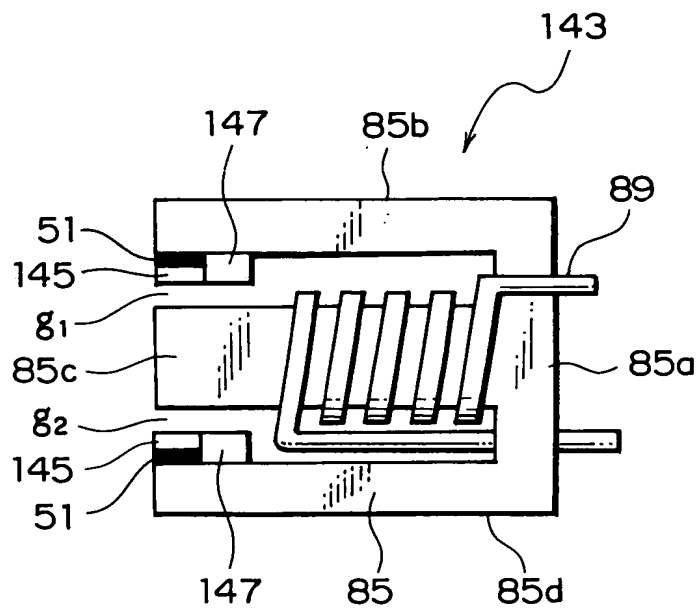


FIG. 23

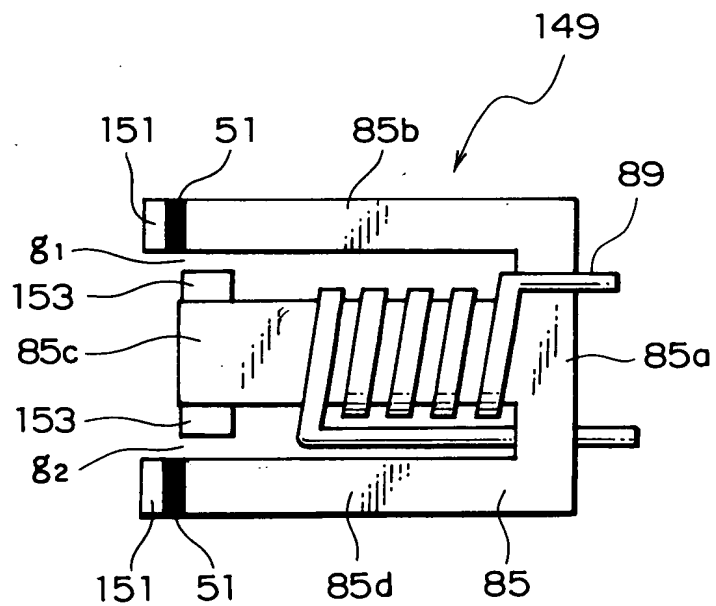


FIG. 24

FIG. 25

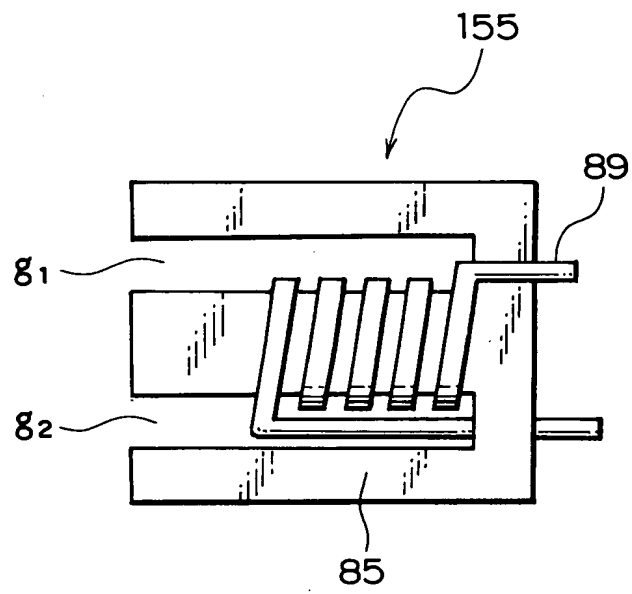


FIG. 25



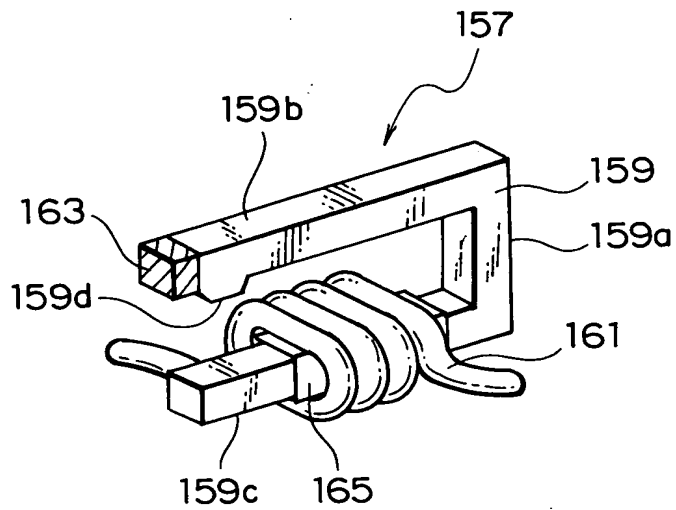


FIG. 26A

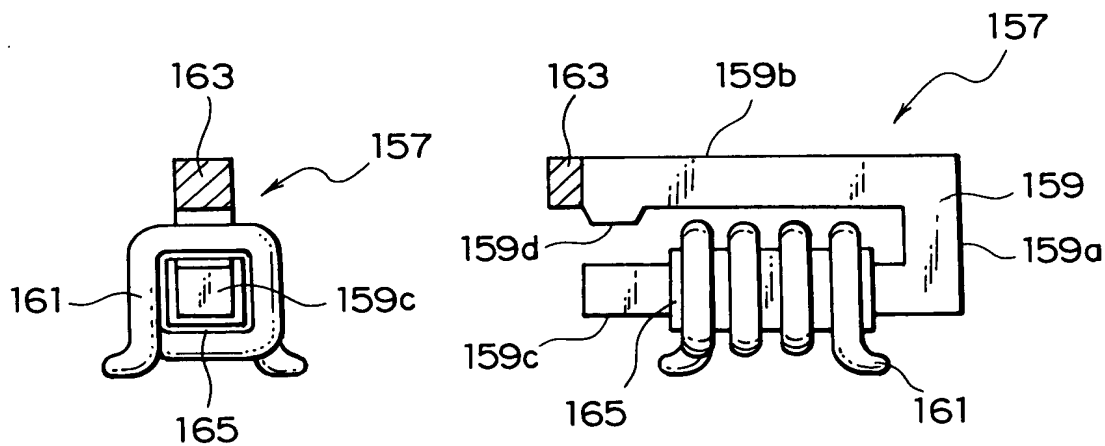


FIG. 26B

FIG. 26C

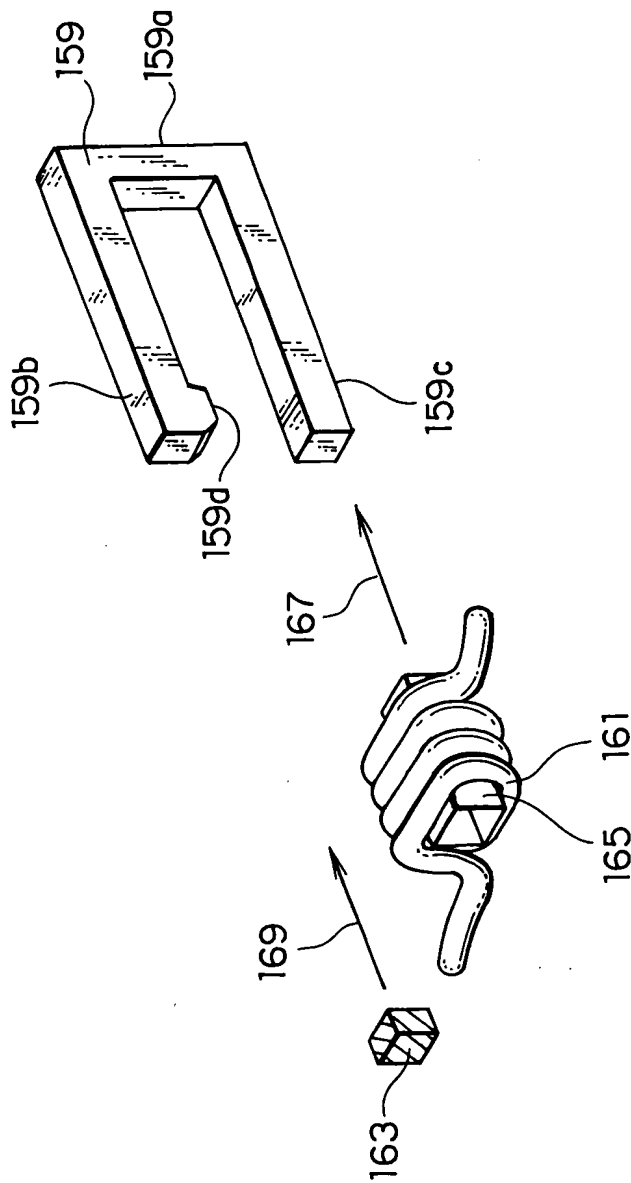


FIG. 27

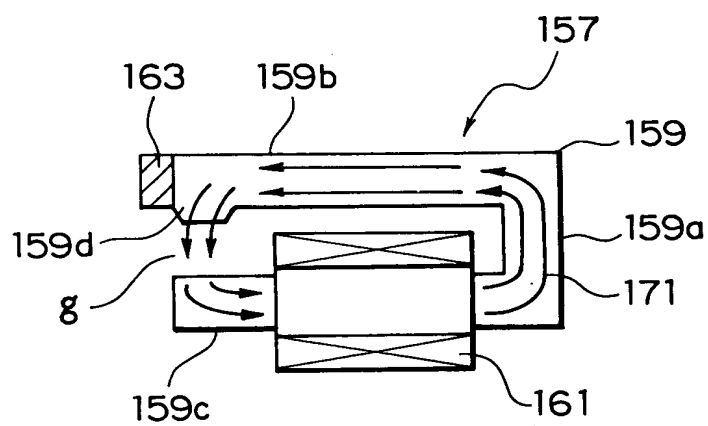


FIG. 28

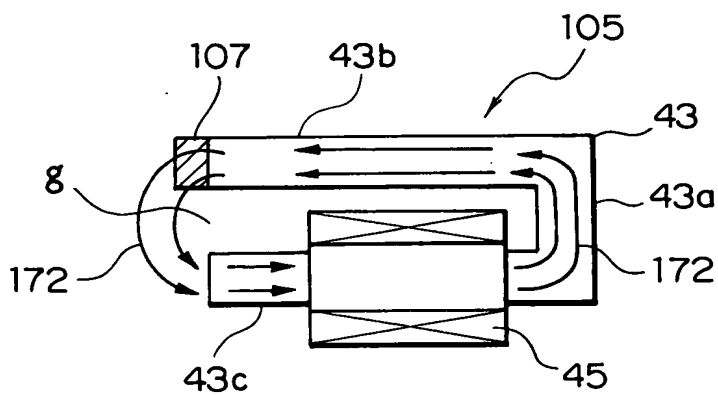


FIG. 29